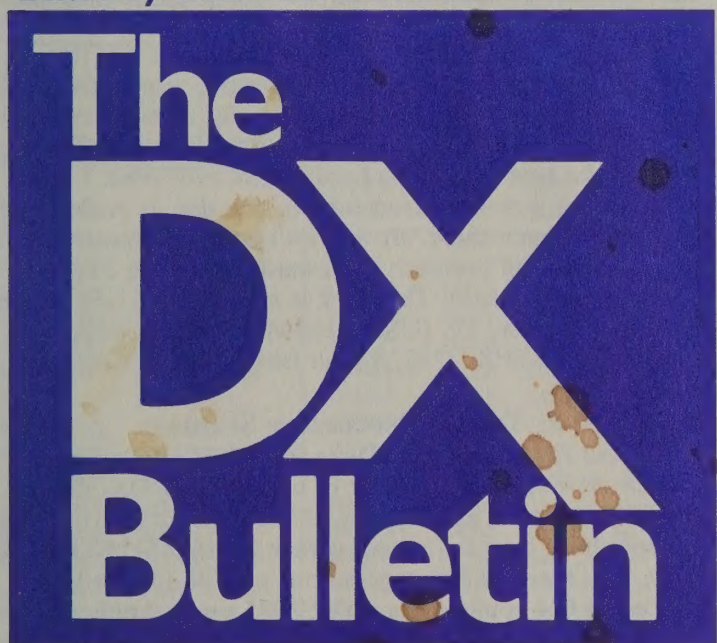


St. Paul Island - CY9 Members of the West Island

Amateur Radio Club (WIARC) of Montreal will make their third trip to St. Paul Aug. 12-16, with exact times depending on weather and seas. They will operate as CY9CWI, concentrating on 160, 80, and 40 meters, as well as working Japan. If equipment is available, they'll get on RS12 and RTTY as well. The tentative list of operators include VE2s: AYU GTI JCX TBH SEI WHO YAK ZOO and VY2OX. Watch 1830-50, 3505-15, 7040-60, 10110, 14040, 18080, 21040, and 28120 kHz on CW, and 3780-3800, 7250, 14195, 18120, 21320, 24940, and 28495 kHz on SSB. RTTY 90 kHz up. QSL to WIARC, P. O. Box 884, Point-Claire/Dorval Quebec H9R 4Z6, Canada. Inquiries should be directed to Fred Archibald VE2SEI, 130 Embleton Crescent, Pointe Claire Quebec H9R 3N2, Canada.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Islands On The Air

- **N6EK/1** Bob Farby will again be active from Baker's Island (NA-148) June 11-July 11. SSB on the IOTA frequencies, and CW near the bottom of the bands. QSL home call.
- **NE8Z/1C0** (or NE8Z/4): Dr. Rick Dorsch will be active from Hilton Head Island (NA-110) June 18-25. Watch the IOTA SSB frequencies of 14260, 21260, and 28460 kHz, and 5 or 25 kHz up on CW. QSL to John Kroll K8LJG, 3528 Craig Drive, Flint MI 48506.
- **NE8Z/1G0** (or NE8Z/4) will be active from Georgia State Group (NA-058) June 23-24; same information as above.
- **RW1ZZ/1** will operate CW and SSB on all bands from Lumbovskiy Island (EU-161) June 15-30. QSL RA1ZA.
- **DU7/SM0CNS** will be active from Cebu Island (OC-129) July 1-26; QSL home call. (DXLoggen.)

Shortly Noted

- **FO0MIZ** and **FO0AKI** didn't follow their announced operating schedule. Both stations were active from the Marquesas June 1-4, Tahiti June 5, and FO0AKI was active from the Australes June 6-9.
- **HB0/DL7UBA**, **HB/DL8HWA**, and others will be active from Liechtenstein June 17-24, on all bands, CW and SSB, with 1,000 watts, beam, and verticals. QSL home calls. (DXMB.)
- **A35RK** is often on 20-meter CW around 0400Z. Paul is also active on 20-meter RTTY near 14087 kHz 01-0300Z.
- **ZB2BU** is active June 11-12. If conditions permit, he will try six meters. (DXMB.)
- **4U1ITU** will be active in the IARU HF Championship July 9-10, operated by Len Kay KB2R. This counts as a headquarters multiplier. Len will be at 4U1ITU two days before the test, on 80-10 meters, SSB and CW. If antennas are available, he'll also spend some time on the new bands. QSL this operation to WA2CJT, 1994 *Callbook* address.
- **UA3/KB6DSX** and **SO8DSX** are the Russian and Polish callsigns of Bill King KB6DSX to June 15, on all bands, SSB and CW. QSL to Bill's home address: 1305 W. Kettering St., Lancaster CA 93534, with SASE.
- **YJ0AVH** is often noted on 14196 kHz at 0230-0600Z.
- **9G1PW** (ex-XT2BW) has completed his operation from Ghana, and is heading back to the states via Burkina Faso. QSL both calls via WB2YQH, but expect a delay of a couple of months while logs are in transit.
- **R1MVI** will be active from M-V Island (EU-117) during the Russian DX Contest, July 30-31. (DXNS.)
- **TM6CMP** is a special-event station July 1-3, commemorating the inauguration of the Centre Mondial de la Paix (peace) at Verdun. (LNDX.)
- The DXCC Desk has received documentation, and accredited, the following operations (with start dates): 3D2MD (25/6/1991); 3D2/ON4QM (24/9/1990); 5W1JW (9/9/1991); A35DM (8/8/1990); C56/ON4QM (30/10/1989); DP0RIM (13/2/1993 Special agreement call sign, counts for 5T5); H44QM (30/10/1991); S92QM (16/3/1992); T20CB (9/9/1992); T30MD (24/9/1992); V63SB (24/3/1994); VS6/WA6TJM (2/6/1992); XT2TX (19/11/1993); YJ0AMD (1/10/1990); ZK1DM (25/9/1991); ZK2XX (29/10/1993); ZK3DM (9/8/1993).
- **SSB Nets**: Spots: 14226.5 kHz (11,18Z); GI0NNK YB5AQC T5/EI5C OD5MM NH2G; 14247 (21Z): TA3G R1FJC TU2JL TN1AT Z32JA TA1AR TF3GC TG9NX FO5JV T32LN.
- Fred Handscombe G4BWP has been appointed HF Awards manager by the Radio Society of Great Britain (RSGB). All applications for RSGB awards (except IOTA) should be sent to Fred at Sandholm, Heath Farm Road, Red Lodge, Bury St. Edmunds, Suffolk IP28 8LG, England.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
June 1994	Date	Flux A K	Date Flux A K
10	Low Normal	5/14 90 15/22 2	4/16 82 23/29 4
11	Below Normal	5/15 91 18/30 3	4/17 82 63/130 2
12	Below Normal	5/16 91 26/30 3	4/18 84 17/19 3
13	Low Normal	5/17 95 16/16 2	4/19 85 17/16 2
14	Low Normal	5/18 94 19/18 2	4/20 86 13/10 1
15	High Normal	5/19 91 15/13 1	4/21 85 13/09 2
16	High Normal	5/20 90 09/09 1	4/22 85 07/07 2
17	High Normal	5/21 88 06/07 2	4/23 85 06/09 2
18	High Normal	5/22 85 07/09 2	4/24 83 09/08 1
19	High Normal	5/23 81 06/08 2	4/25 83 06/07 2
20	Low Normal	5/24 78 18/19 3	4/26 81 07/06 2
21	Below Normal	5/25 74 21/20 2	4/27 78 04/05 1
22	Low Normal	5/26 71 11/14 2	4/28 77 02/04 1
23	High Normal	5/27 70 04/06 1	4/29 78 05/06 1
24	Below Normal	5/28 70 23/25 5	4/30 75 01/02 1
25	Disturbed	5/29 69 30/37 4	5/1 75 20/34 4
26	Disturbed	5/30 69 35/44 3	5/2 76 30/42 3
27	Disturbed	5/31 69 29/32 4	5/3 74 32/45 3

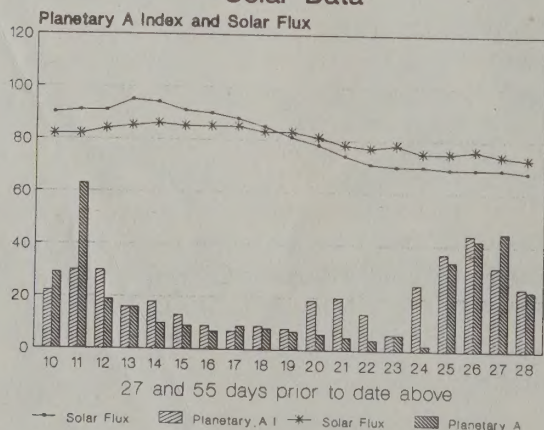
Propagation Watch

The effects of the Killer Koronal Hole were not as severe in early June as in previous months. It appears that this prolonged solar disturbance is finally fading away. While the coronal hole continues to adversely affect band conditions in higher latitudes, propagation in other regions is near normal. In addition, the Killer Koronal Hole will be on the back side of the sun for the next couple of weeks.

The bad news is that solar flux has fallen to near minimum, and sunspots have all but disappeared. The sun has been essentially spotless for the ten days in late May and early June. This very low level of solar activity keeps maximum useable frequencies (MUFs) at depressed (and depressing) levels. More specifically, MUFs seldom rise above 15 MHz, restricting DXing on bands higher than 20 meters to some north-south paths, plus some terminator (sunrise/sunset) openings and some multi-hop E-skip.

Last solar revolution we enjoyed a surge in solar activity that pushed MUFs above 21 MHz. At this point in Sunspot Cycle 22, we probably won't see a repeat of these relatively good conditions, but look for a slight increase in solar flux, and MUFs, to mid-month, maybe enough to open 17 meters.

Solar Data



No Yemen In July

Bob Wilber N4GCK, who announced last month that he had received operating permission as 7O0CW in July, will not be making the trip. No, it wasn't the prospect of arriving in the middle of a civil war that canceled this trip, but rather a 24-37-month sentence in federal prison! Bob pleaded guilty to one count of bank fraud and one count of theft of mail in connection with his theft of four checks totalling more than \$133,000 last year. According to an article in the Ann Arbor News, Bob used the stolen money "to finance a six-week trip to Antarctica... When his picture appeared in the paper (last Dec. 20), he knew he was caught. But he decided to go ahead on the trip, which was a major convention [sic] for ham radio operators." Bob was a member of the 3Y0PI Peter 1 Island DXpedition team.

3Y0PI Peter 1 Island DXpedition Book Available

On a happier note, Bob Schmieder KK6EK's book on the 3Y0PI operation is now available. This is by far the best DXpedition book ever written, and certainly one of the best amateur radio books ever. The 240-page, soft-bound book includes all the details of the DXpedition: the planning, the near cancellation, the expedition log, the harrowing departure, log results, operating stories from both sides of the pile-up, 64 photographs, and 78 illustrations. IOTA checker Dewitt Jones W4BAA says, "This is the best ham radio book I have ever read. I couldn't put it down; I read it all in one day. It made me feel like I'd been there." If that isn't enough incentive to buy the book, all proceeds go toward paying the 3Y0PI DXpedition expenses. The book is available for US\$20 plus \$2 shipping in the US (US\$15 elsewhere), from Robert Schmieder KK6EK, 4295 Walnut Blvd., Walnut Creek CA 94596.

DXCC Processing Status

Bill Kennamer K5FUV at the DXCC desk reports that as of June 1, the number of unprocessed DXCC applications stood at 447, with 49,835 QSL cards. This is an improvement over the month-earlier figures (541/63,665). In May, they received 530 applications with 46,155 cards, and processed 624 applications with 59,985 cards. Applications being sent out at the end of May were received about three and a half weeks earlier, except for those without computerized records, which take considerably longer to process. Applications and QSLs are up 30% and 40% respectively over 1993.

QSLs Received

■ From managers: 8R1/N4VA (FAIRS, 9 WKS); 9I2M (DL7VRO, 6 WKS); 9X5DX (F2VX, 7 WKS); BV9P (BV2TA, 6 WKS); C6/W4UXI (W4UXI, 11 MOS); D2SA (F6FNU, 3 WKS); FG5BP (KA3DSW, 10 DAYS!); HP1XXZ (KD5JZ, 3 WKS); J87BZ (DL7FT, 7 WKS); JY3ZH (DJ9ZB, 10 DAYS); KK6NF/KC4 (KK6NF, 8 MOS); OH0/OH1EH (OH1EH, 5 WKS); OY2VO (OZ9DP, 9 MOS); PY0FF (W9VA, 10 MOS); TI9JJP! (TI2AOC, 6 WKS); TL8GR (F5XX, 6 WKS); TU4EI (W3HCW, 2 WKS); UD6DKW (DL6KVA, 1 MO); UH2E/UA9TZ (DF7RX, 11 WKS); V31DX (AA6BB, 1 MO); V7A (OKDXA, 6 WKS); VP8CKC (GM4KLO, 19 MOS); W1XP/VP9 (W1XP, 3 WKS); ZK2XV (WI0S, 10 WKS).
 ■ Direct: 5Z4FM (2 WKS); JY5IN (1 MO); SV1EX (1 MO); SV2ASP/A (1 MO); V51GB (5 MOS); YC0ARO (5 WKS); Z31FK (1 MO).

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25

RTTY

A35RK	14086	0315	3	CA
HC6CR	14083	2030	31	CA
YV5MUX	14086	0304	29	ID

160 Meters

VK2DPS	1832	1229	30	ID
ZL3AIC	1832	1158	31	ID

80 Meters

HK5QGQX	3504	0858	22	NH
VK2BJ	3502	0925	22	NH
ZL1BXW	3505	0925	25	NH
ZL3NE	3505	0930	25	NH
ZL4IE	3505	0940	22	NH

75 Meters

KC6SD	3799	1040	25	IA
ZH8A	3791	1040	25	IA

40 Meters

5W1GC	7001	0929	21	WA
9J2BO	7009	0500	25	IA
9K2ZZ	7007	0007	29	FL
C6AHY	7024	0120	29	FL
CP5VW	7213	0412	15	WA
EA6NB	7004	0356	22	VA
ED8OR	7007	0457	29	IL
FR5DN *	7013	1255	30	IA
H17JM	7008	0033	31	FL
HP1XBH	7005	0037	31	FL
HR1LW	7011	1038	31	FL
KH8BB	7008	0947	27	WI
OA4CWR	7028	0123	29	FL
PY0TUP	7008	2227	19	VA
SV1BUU	7007	0237	27	IL
T97M	7006	2357	26	VA
T11C	7012	0528	29	IL
VK6XA	7007	1205	25	IA
YS1DRF	7008	1100	31	IA
Z21HS	7005	0200	25	IA
ZL1AGY	7004	0453	29	IL
ZL3GQ	7014	1117	28	WI

30 Meters

3B8CF	10101	0323	31	SC
5W1GC	10104	0408	27	SC
8P9GU	10103	2221	31	FL
EA8CN	10102	0031	31	FL
HK7AAG	10101	2355	29	MD
JY8JH	10101	2218	31	FL
PZ1DV	10104	2224	31	FL
Ti2PZ	10101	1159	31	FL
UA2FL	10101	1202	11	NS
UA3DQH	10108	0320	31	SC
UX4UA	10104	0343	31	SC
VK9NS	10107	1159	11	NS
VP2VE	10101	2206	31	FL

YU70AU 10105 0342 24 SC

20 Meter CW

3G1X	14013	0442	29	IL
4J4JJ	14018	2340	24	IA
4K2BY	14015	2200	26	MI
4K2MAL	14012	1445	30	IA
5T5JC	14015	2151	30	VA
7X4AN	14017	2148	19	WI
9K2ZZ	14004	2211	19	WI
A35RK	14033	0340	29	SC
A71AN	14003	2310	26	IA
A71CW	14042	2255	29	IA
CP4BT	14013	0055	31	FL
CX7BY	14023	0549	29	IL
EA6AA	14012	0055	25	CA
EA8BWN	14026	2220	31	FL
EN6Q	14022	1521	28	IL
ER5AL	14009	1503	28	IL
EU1XA	14017	1409	28	IL
EX0M	14016	0115	22	MI
EX8DX	14013	0048	21	VA
FR5DD	14020	0420	27	IA
HI/DL5PV	14016	1341	31	FL
HC2IK	14012	0022	31	FL
HH2CL	14037	0020	26	CA
HS0ZAA	14027	1507	27	VA
HT1T	14017	0020	26	CA
JW0H	14028	1231	27	IL
KH8BB	14017	0147	31	FL
LY1CF	14016	1453	28	IL
OA4CWR	14008	2320	26	WI
OD5LP	14015	1900	24	SC
OX3BR	14024	1220	23	MI
OX3GX	14025	1155	17	NS
R1FJC	14005	0045	21	VA
R3F/9	14010	1158	27	MA
RW9YT	14016	0003	25	MI
SN0PR	14019	1343	26	VA
T91AVW	14015	2158	26	SC
T92A	14005	2133	27	SC
T97O	14015	2138	27	SC
T99W	14014	1305	23	VA
TA1D	14015	2335	24	IA
TA2KK	14022	2110	26	SC
TG9AQ	14007	0054	31	FL
TT8/	14013	2122	31	VA
F5LGF				
UA1ZO	14037	0505	28	IL
UA9JJJ	14007	2310	19	MI
UA9LBP	14023	0122	22	MI
UN2PW	14013	0042	25	VA
UN9LR	14010	0135	21	MI
UR0I	14039	1517	28	IL
UX1HO	14022	1446	28	IL
V44KAO	14026	0052	31	FL
V73C	14031	1230	21	VA
VK1FF	14006	0552	29	IL
VP2MT	14023	2038	31	FL
VQ9KC	14032	2308	17	WI
XQ0YAF	14003	0020	25	CA
YI9CW	14007	1839	27	NC
Z31FK	14021	2004	27	IL

20 Meters SSB

3X0YU	14221	2316	16	NS
4L8A	14191	2207	14	NS
5Z4MR	14260	2017	26	WI
9G1SB	14243	2052	30	NC
9K2ZZ	14190	2245	27	IA
9Y4SF	14198	0412	31	MA
AH8J	14227	0616	24	WI
CP5TB	14195	0218	15	WA
D44BS	14208	1950	30	MA
DU1IXY	14182	1335	27	IA
EA9KQ	14300	2155	27	SC
FK8FU	14190	0400	31	IA
HC1/	14210	0428	30	MA
W1GSL				
HH6JH	14260	2036	30	MA
HR1/	14243	0110	25	CA
N7QGQX				
KC6SD	14227	0435	24	CA
KG6JJH	14255	0545	27	CA
RZ3AZO	14263	1609	17	WA
V73C	14260	0205	16	WA
VO1CIA	14258	1340	29	MA
VS6WV	14188	1156	30	NS
VU2RAK	14183	0250	27	IA
XF3OZ	14260	2055	25	CO
YJ0AVH	14195	0225	30	IA

17 Meter CW

4K8F	18075	2128	27	SC
EA9AI	18073	1504	17	NS
EX0M	18079	1458	17	NS
PY0TUP	18072	1946	23	SC

17 Meter SSB

7X2JF	18120	2219	27	SC
-------	-------	------	----	----

NP2GM 18142 0136 31 MA

15 Meter CW

EA1DN	21135	2035	24	MD
FY5GJ	21010	1845	24	SC
HT1T	21015	0112	29	ID
ZB2FK	21025	2200	23	SC
ZX0F	21018	1248	29	FL

15 Meter SSB

4L1WL	21273	1100	21	NC
5Z4DU	21314	2021	21	NC
9U/F5FHI	21296	1600	28	NC
CP6UA	21223	1343	21	VA
PZ5JR	21300	2050	27	MD
S92YL	21267	2025	21	NC
TU2XZ	21302	1748	21	NC
VK5AQZ	21344	0100	31	NC
VK8MR	21343	0125	28	NC
ZB2FK	21300	2215	13	SC
ZS6DR	21320	1425	29	NC

12 Meter CW

FO0MIZ	24900	0042	29	FL
--------	-------	------	----	----

12 Meter SSB

ZL2ANT	24950	2135	23	SC
--------	-------	------	----	----

6 Meters

CU1EZ	92310	17	17	NS
EA8/	50110	1920	17	NS
DJ3OS				

QSL Information

- The Chinese Taipei Amateur Radio League's QSL bureau is P> O. Box 73, Taipei 100, Taiwan ROC.
- QSL A35VI to Ed Hartz K8VIR, P. O. Box 177, Holly MI 48442.
- QSL FY/F5PHW, FM/F5PHW, and J28BS to Philippe Berger F5PHW, 24 Lot Labracat, 30800 St. Gilles, France.
- Bill K1SE has the 7Z2AB logs up to Jan. 16, 1994. He is working on getting the more recent logs, but please don't duplicate QSL requests in the meantime. His address is P. O. Box 685, Manassas Park VA 22111-0685.
- QSL ZL3KG to Wayne Mears WB6EQX, 20496 Highway 26, West Point CA 95255.
- QSL 8P9EA, 8R1RPN and 8R1K for CQWW CW and SSB in 1992, and CQWW SSB in 1993, via Olli Rissanen OH0XX, Suite 599, 1313 South Military Trail, Deerfield Beach FL 33442.
- QSL UA0AP direct to Harchenko N. Gennady, P. O. Box 13179, Krasnoyarsk-42, CP-660042, Russia.

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

<u>DXCC Country</u>	<u>Prefix Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland island	OH0/DLs	to June 12	I741
Angola	D2/HB9AMO	to July	I740
Aruba	P4 P40XJ	June 16-23	I739
Belau	KC6/ SM6FJY	July 11-24	I741
Belize	V3 V31PA	to Sept.	I740
Benin	TY TY1IJ	to July	I741
Cambodia	XU XU7VK	to Feb. '95	I724
Cayman Islands	ZF ZF2GT	June 23-30	I741
Chad	TT TT8PS	to Aug.	I740
Corsica	TK/IK2QIN/p	June 15-20	I741
Gambia	C56/G0UCT DK2OC	to June 17	I741
Gibraltar	ZB ZB2BU	June 11-12	I742
Guam	KH2/ SM6FJY	June 27-July 10	I741
Guantanamo Bay	KG KG4GC?	June 10-16	I740
Guernsey	GU/ DLs	June 1-21	I739
Iraq	YI9CW	18074 14-16Z	I732
ITU Headquarters	4U1ITU	July 7-10	I742
Jordan	JY JY8s	May 29-June 27	I740
Kerguelen	FT FT5XJ	14188 18Z	I737
Liechtenstein	HB0/PAs	July 6-11	I741
	HB0/DLs	June 17-24	I742
Malta	9H PAs	June 24-July 4	I736
M-V Island	R1MVI	July 30-31	I742
Marianas	KH0/SM6FJY	June 13-26	I741
Micronesia	V6 V63s	June 8-17	I735
Mozambique	C9 C93BQ	to mid-June	I741
New Caledonia	YJ0AVH	14196 0230Z+	I742
Niger	5U 5U7Y	now active	I726
Nigeria	5N0/DL9GMM	to Dec.	I731
North Cooks	ZK1AT	3784 07Z Sun.	I729
Poland	SO8DSX	to June 15	I742
Russia	UA3/KB6DSX	to June 15	I742
St. Paul Island	CY9/ Ws	June 10-19	I736
	CY9CWI	Aug. 12-26	I742
	CY9/ N0TG	Sept. 19-25	I741
St. Pierre & Miquelon	FP/KA1NCN	July 19-25	I739
Solomons	H44/JA1OEM	to June 10	I741
Sri Lanka	4S7/ON4IPA	to August	I736
Svalbard	JW JW5EBA	Jan.-June	I719
Tajikistan	EY EY8MM	3505/3795 02Z	I729
Tonga	A3 A35RK	May 5-June 18	I736/9
Trindade Island	PY0 PY0TUP	Apr.-Aug.	I731
Yemen	7O 7O1AA	14243 1500Z	I738
Zone 2	VE8/VE2BQB	to Nov.	I740

Operating Events and DX Gatherings

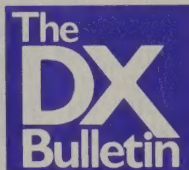
<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
June 11-12	ANARTS RTTY Contest	<u>Digital Journal</u>
June 11-12	South American CW DX Contest	<u>CQ</u>
June 18-19	All Asian CW DX Contest	<u>CQ</u>
July 2-3	Venezuelan SSB Contest	<u>CQ</u>
July 9-10	IARU HF Championship	<u>QST</u>
July 9-10	BARTG AMTOR/PACTOR	<u>Digital Journal</u>

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
American Samoa	KH8BB	14022±	0200Z+
Bolivia	CP4BT	14011±	0100Z
Burundi	9U/F5FHI	21295±	1600Z+ Sat.
Iraq	YI9CW	14007	1830Z+
Kuwait	9K2ZZ	14005	2200Z+
Kuwait	9K2ZZ	14192±	2200Z+

Contributors

This Issue made possible by: AA7AV, DXLoggen, DXNL, DXNS, JADXN, K3GGN, K4II, K5FUV, K8JLF, KA7T, KB2R, KB6DSX, KM9J, KZ0X, N4UU, N6EK, NE8Z, PP5LL, RV3GW, VE1YX, VE2AYU, W0JRN, W1NH, W4VQ, W6JOX, W6UQF, W8CT, W9DH, W9HAO, WB2YQH, WB3ECU, WB8ZRL, WD4HRM, and WU6T. Many thanks!



P. O. BOX 50
FULTON CA
95439-0050 USA
(707) 523-1001

Copyright The DX Bulletin. All rights reserved. The DX Bulletin (ISSN 0279-8077) is published 50 times per year, weekly except weeks #27 and #52 of the calendar year, by Chod Harris at P.O. Box 4881, Santa Rosa CA 95402 USA. Telephone (707) 523-1001; Fax: (707) 523-1001. One-year subscription rates are \$32 by Second Class Mail, \$42 by First Class Mail (including Canada and Mexico) and US\$55 Foreign Airmail. Second Class postage paid at Santa Rosa CA. Postmaster: Send address changes to The DX Bulletin, P.O. Box 50, Fulton CA 95439-0050. Use this address for ALL purposes.

The MuG!

This is more than a coffee cup—it's a trophy and a map! While trying for those elusive Antarctica Q's, you can check to see if the station is near Peter I. And you can gaze at it to recall the glory of working 3Y0PI! It's 3-3/4" high, and holds 11 oz of whatever you want! It's polar-midnight black, with glacial-white markings. It's extremely strong and handsome. It is a great souvenir and a great conversation piece, and you can put coffee in it!



Profits go to help pay
the 3Y0PI expenses.

\$20 each delivered in US, \$26 delivered worldwide.

Please order from:
Robert W. Schmieder, KK6EK
4295 Walnut Blvd.
Walnut Creek, CA 94596 USA
(In Europe: G4DYO, ON6TT)